




[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)


Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY

 [Feedback](#)

## Workings of a Virtual Private Network, Part 1: A look into VPNs--what they are and how they work

Full text  [Html](#) (21 KB)

Source [Linux Journal](#) [archive](#)  
Volume 1999 , Issue 68es (December 1999) [table of contents](#)  
Article No. 2  
Year of Publication: 1999  
ISSN:1075-3583

Author [David Morgan](#) Independent Consultant, Los Angeles and Computer Science, Santa Monica College

Publisher Specialized Systems Consultants, Inc. Seattle, WA, USA

Bibliometrics Downloads (6 Weeks): 11, Downloads (12 Months): 134, Citation Count: 0

Additional Information: [references](#) [index terms](#) [peer to peer](#)

Tools and Actions: [Review this Article](#)  
[Save this Article to a Binder](#) Display Formats: [BibTex](#) [EndNote](#) [ACM Ref](#)

### ↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

- 1 <http://metalab.unc.edu/pub/Linux/docs/HOWTO/mini/VPN/>: required reading for this article.
- 2 <http://www.cs.hut.fi/ssh/>: follow links to download ssh files, to be unpacked and compiled. I used ssh v1.2.26, the high-water mark of v1. v2 differs in internal code and licensing.
- 3 <http://www.replay.com/redhat/ssh.html>: download ssh in RPM form, installable pre-compiled binaries. Easier to install, but you forego making certain configuration choices that can be set only at compile time.
- 4 <http://www.uni-karlsruhe.de/~ig25/ssh-faq/>: ssh (Secure Shell) FAQ: frequently asked questions.
- 5 <http://www.tac.nyc.ny.us/~kim/ssh/>: getting started with ssh.
- 6 <http://www.net.lut.ac.uk/pst/>: Win32 links, among others. MS machines need their own client to interact with sshd on a Linux server.
- 7 ssh man page, sshd man page, ssh-keygen man page, README.SSH all install with ssh.
- 8 <http://rlz.ne.mediaone.net/linux/faq/index3.shtml>: discussion and concrete example of firewall building with Linux ipfwadm.
- 9 <http://metalab.unc.edu/pub/Linux/docs/HOWTO/PPP-HOWTO/>

↑ INDEX TERMS

Primary Classification:

[C. Computer Systems Organization](#)

↳ [C.2 COMPUTER-COMMUNICATION NETWORKS](#)

Additional Classification:

[D. Software](#)

↳ [D.4 OPERATING SYSTEMS](#)

↳ [D.4.0 General](#)

↳ Nouns: [Linux](#)

General Terms:


[Performance](#)

↑ Peer to Peer - Readers of this Article have also read:

- [Data structures for quadtree approximation and compression](#) Communications of the ACM 28, 9  
Hanan Samet
- [A hierarchical single-key-lock access control using the Chinese remainder theorem](#) Proceedings of the 1992 ACM/ SIGAPP Symposium on Applied computing  
Kim S. Lee , Huizhu Lu , D. D. Fisher
- [The GemStone object database management system](#) Communications of the ACM 34, 10  
Paul Butterworth , Allen Otis , Jacob Stein
- [Putting innovation to work: adoption strategies for multimedia communication systems](#) Communications of the ACM 34, 12  
Ellen Francik , Susan Ehrlich Rudman , Donna Cooper , Stephen Levine
- [An intelligent component database for behavioral synthesis](#) Proceedings of the 27th ACM/ IEEE conference on Design automation  
Gwo-Dong Chen , Daniel D. Gajski

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)